

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017958.D
 Acq On : 13 Aug 2020 04:27
 Operator : SY/MD
 Sample : L3644-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L99

Manual Integrations
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 8/13/2020 1:39:05 PM

Quant Time: Aug 13 07:22:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248136	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	233857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	102450	50.00	ug/L	0.00

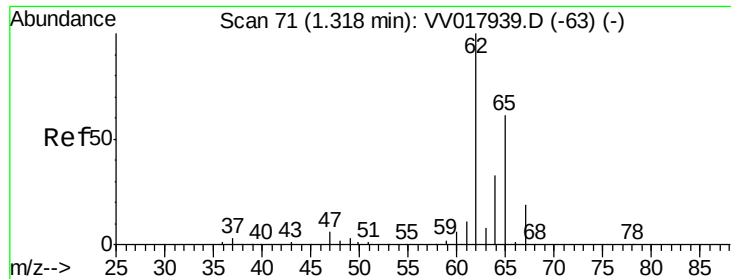
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79205	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.58	69	71248	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	116450	32.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.32%
21) 2-Butanone-d5	3.91	46	155036	125.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.03%
24) Chloroform-d	4.38	84	160587	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	111494	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
32) Benzene-d6	5.08	84	317067	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.09	67	108889	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.36%
41) Toluene-d8	7.34	98	276541	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	7.64	79	21695	22.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.40%#
47) 2-Hexanone-d5	8.11	63	93813	138.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.74%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144841	52.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	96643	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	2408	1.092	ug/L	# 1
13) Acetone	2.19	43	1362028	1063.439	ug/L	99
14) Carbon disulfide	2.31	76	11074	2.417	ug/L	97
15) Methyl Acetate	2.45	43	254399m	123.082	ug/L	
20) cis-1,2-Dichloroethene	3.94	96	7305	3.885	ug/L	92
22) 2-Butanone	4.00	43	139580	97.145	ug/L	96
33) Benzene	5.13	78	11642	1.609	ug/L	100
34) Trichloroethene	5.95	95	3801	1.987	ug/L	94
40) 4-Methyl-2-pentanone	7.25	43	152246	59.025	ug/L	99
42) Toluene	7.41	91	13361	1.770	ug/L	99
46) Tetrachloroethene	8.00	164	2355	1.679	ug/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5

Vinyl chloride

Concen: 1.092 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017958.D

Acq: 13 Aug 2020 04:27

Instrument :

MSVOA_V

ClientSampled :

F2L99

Tot Ion: 62 Resp: 2408

Ion Ratio Lower Upper

62 100

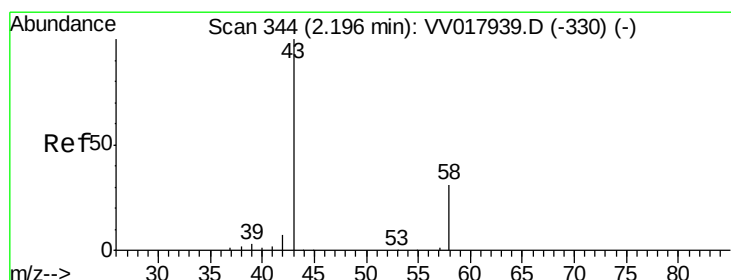
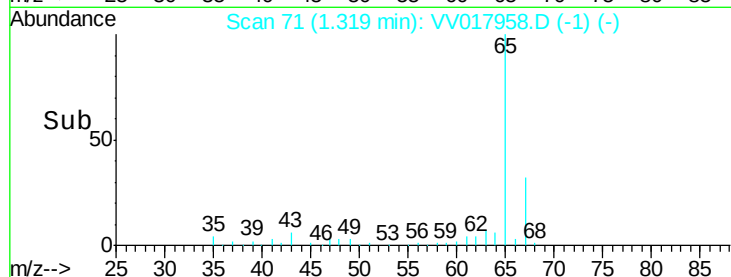
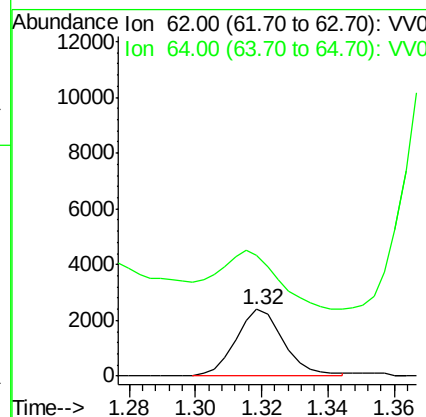
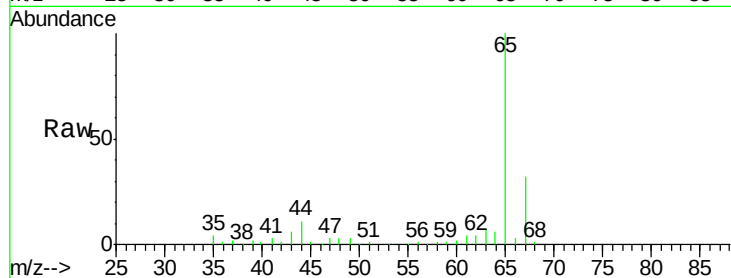
64 181.4 22.4 41.6#

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#13

Acetone

Concen: 1063.439 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV017958.D

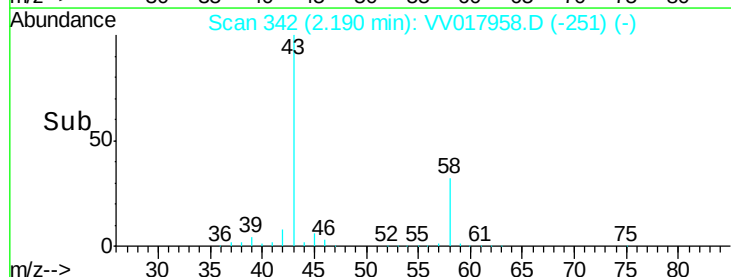
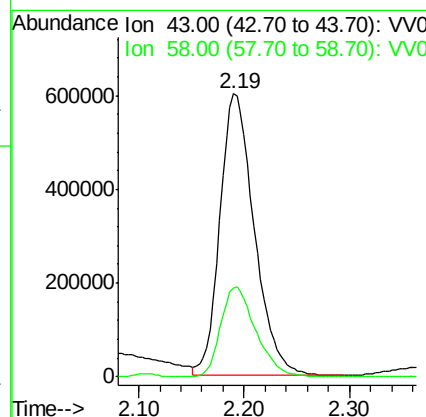
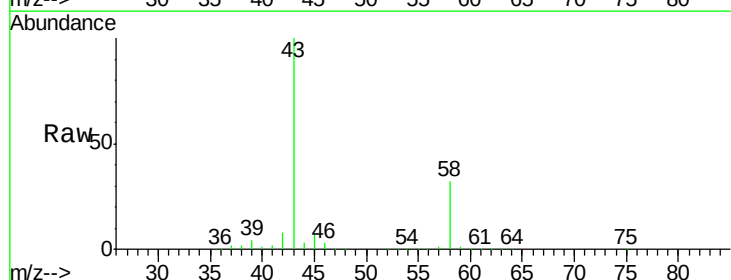
Acq: 13 Aug 2020 04:27

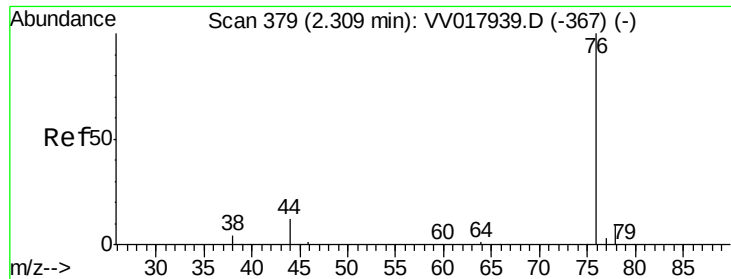
Tgt Ion: 43 Resp: 1362028

Ion Ratio Lower Upper

43 100

58 32.6 0.0 63.6





#14

Carbon disulfide

Concen: 2.417 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017958.D

Acq: 13 Aug 2020 04:27

Instrument :

MSVOA_V

ClientSampleId :

F2L99

Tot Ion: 76 Resp: 11074

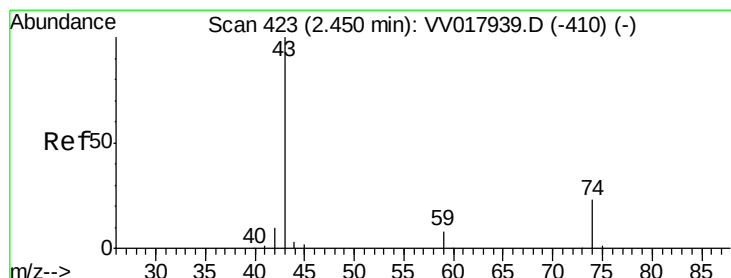
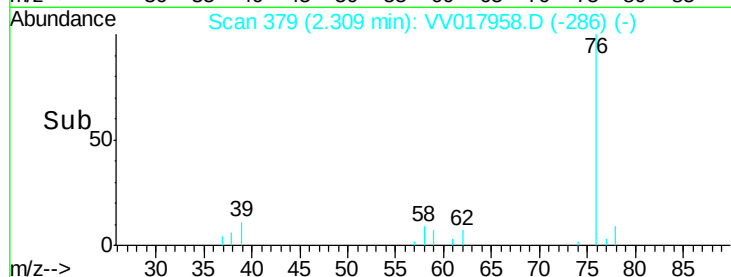
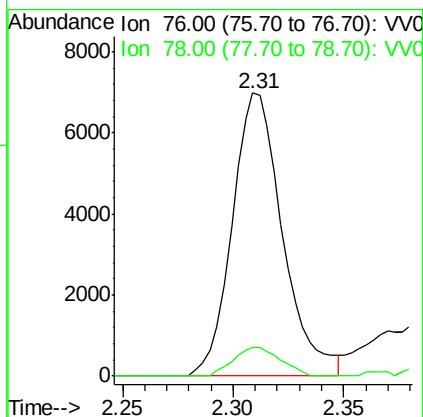
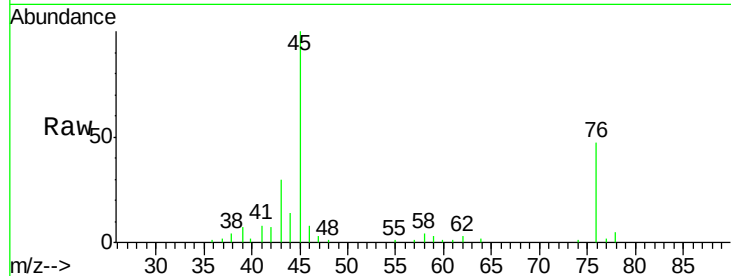
Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2

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#15

Methyl Acetate

Concen: 123.082 ug/L m

RT: 2.45 min Scan# 422

Delta R.T. -0.00 min

Lab File: VV017958.D

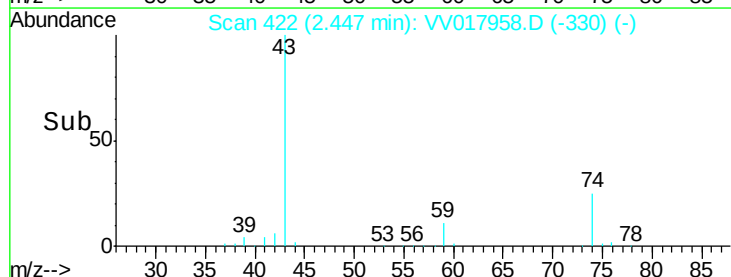
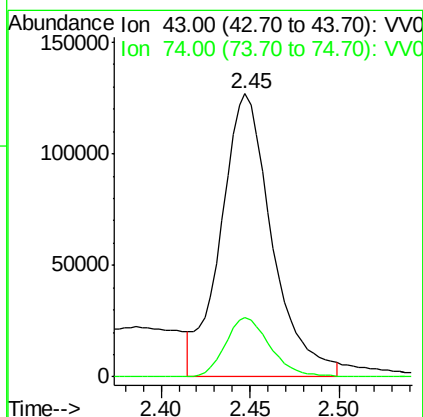
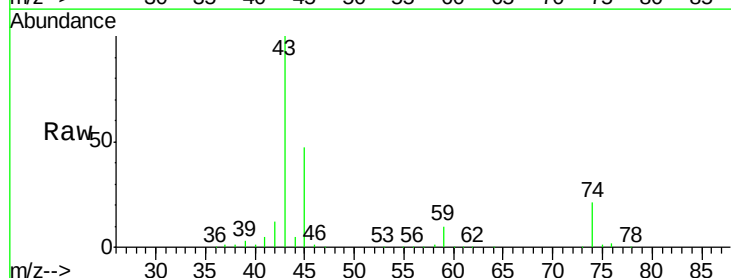
Acq: 13 Aug 2020 04:27

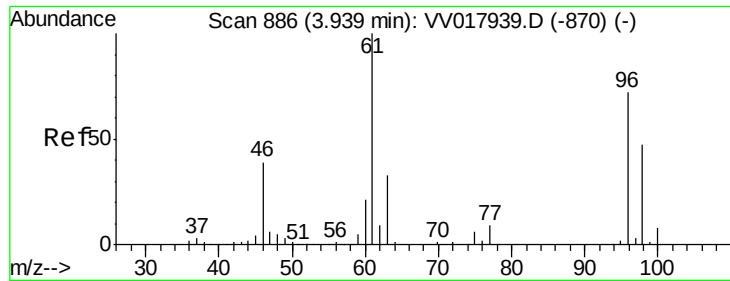
Tgt Ion: 43 Resp: 254399

Ion Ratio Lower Upper

43 100

74 0.0 18.4 27.6#





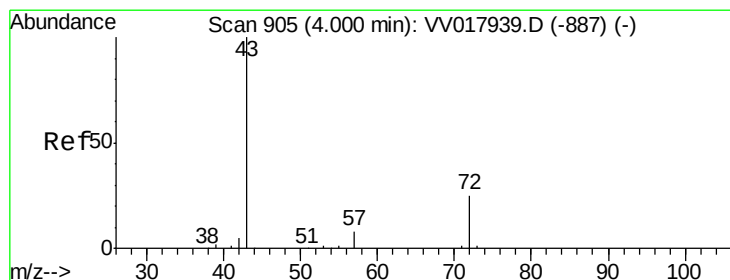
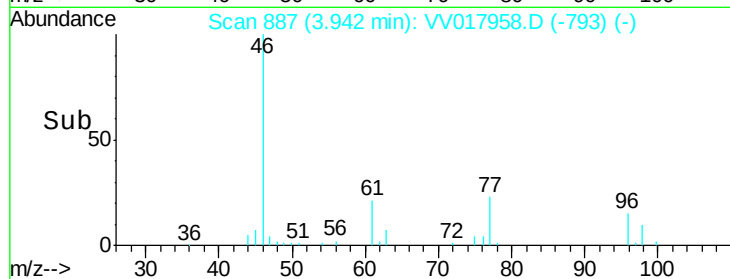
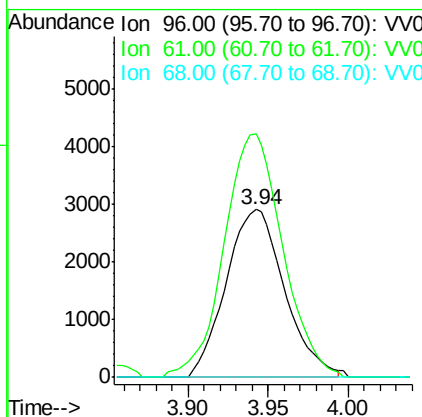
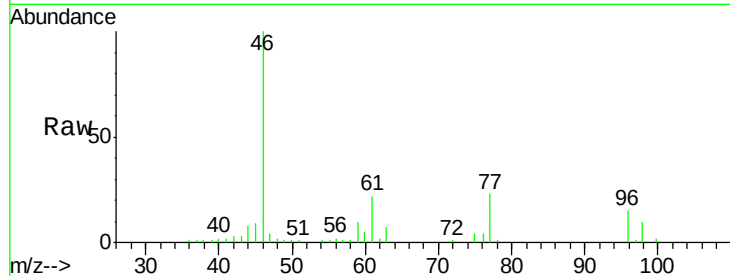
#20
 cis-1,2-Dichloroethene
 Concen: 3.885 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV017958.D
 Acq: 13 Aug 2020 04:27

Instrument :
 MSVOA_V
 ClientSampled :
 F2L99

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		7305		
61	145.2		95.0	176.4	
68	0.0		0.0	0.0	

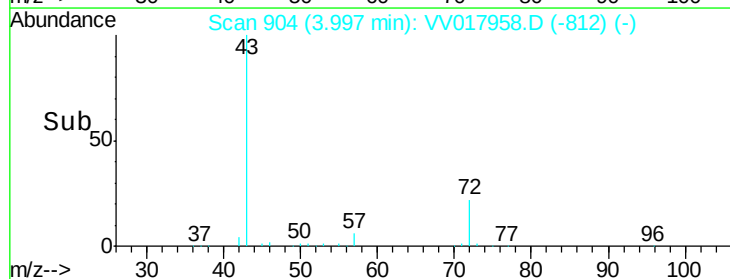
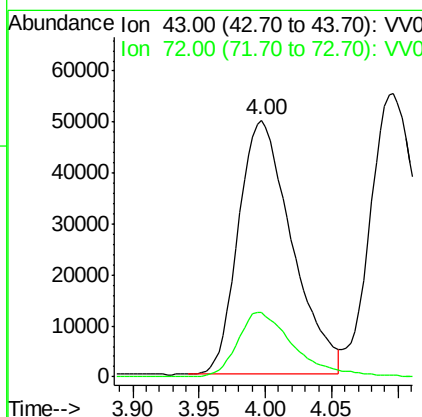
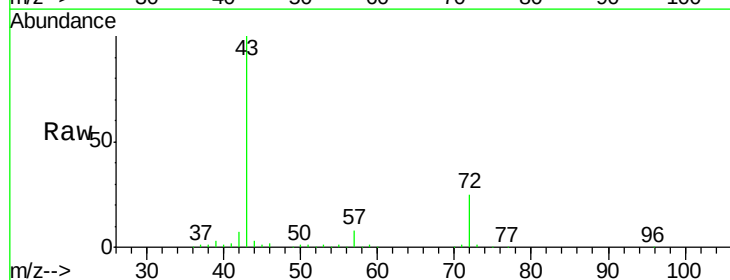
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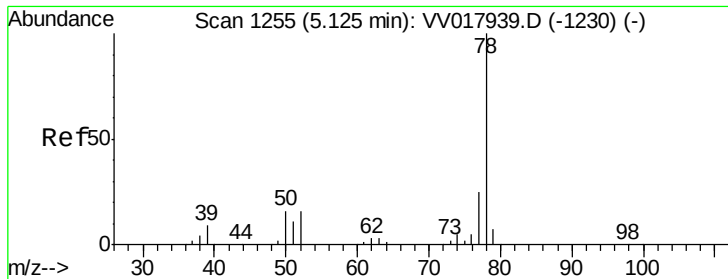
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#22
 2-Butanone
 Concen: 97.145 ug/L
 RT: 4.00 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: VV017958.D
 Acq: 13 Aug 2020 04:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		139580		
72	27.1		12.7	38.0	





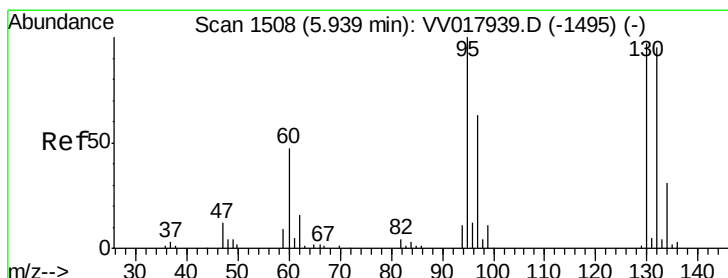
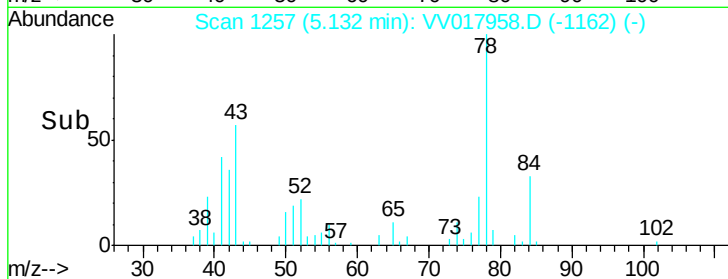
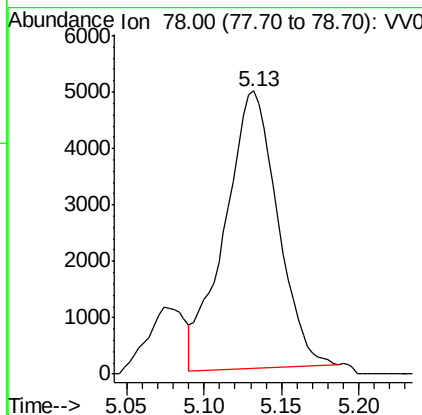
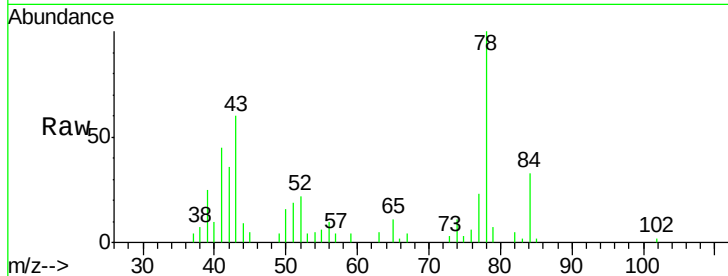
#33
Benzene
Concen: 1.609 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV017958.D
Acq: 13 Aug 2020 04:27

Instrument :
MSVOA_V
ClientSampled :
F2L99

Tgt Ion: 78 Resp: 11642

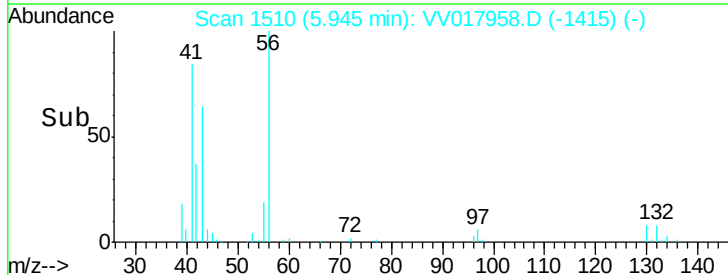
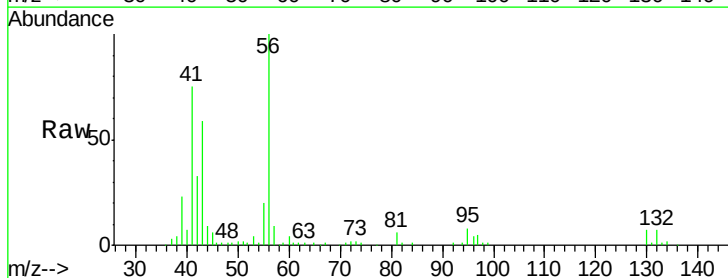
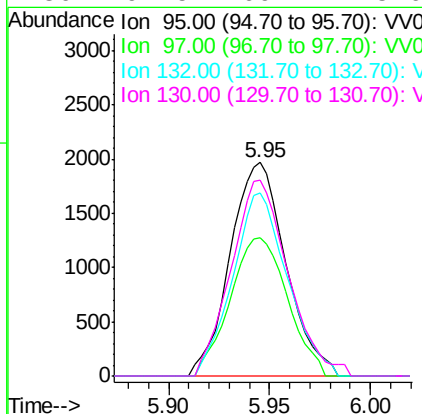
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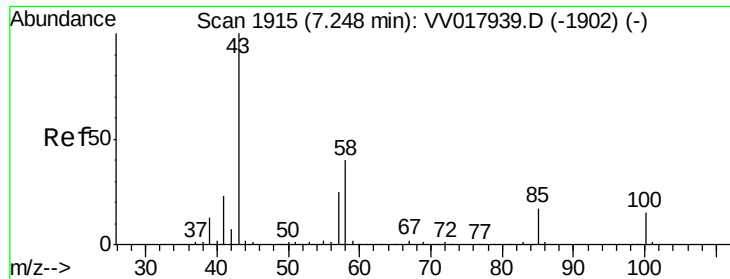
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#34
Trichloroethene
Concen: 1.987 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017958.D
Acq: 13 Aug 2020 04:27

Tgt Ion: 95 Resp: 3801
Ion Ratio Lower Upper
95 100
97 65.0 46.0 85.4
132 85.8 65.8 122.2
130 91.5 69.2 128.6





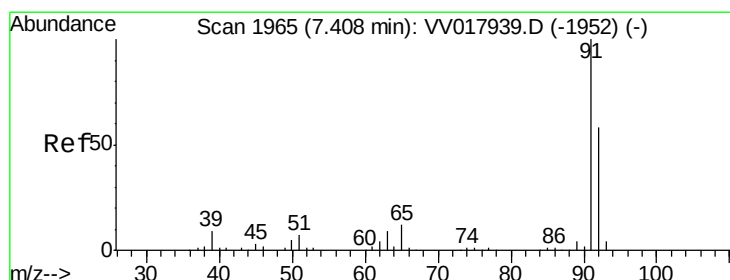
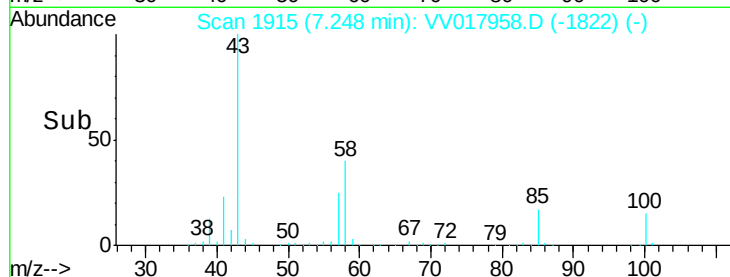
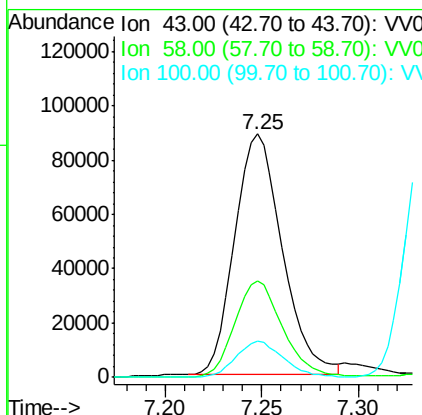
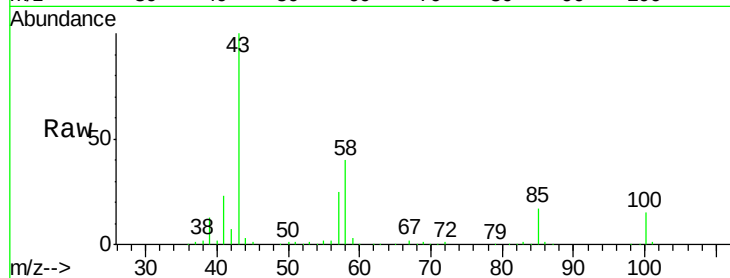
#40
4-Methyl-2-pentanone
Concen: 59.025 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV017958.D
Acq: 13 Aug 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :
F2L99

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.9	47.9
100	15.0	12.2	18.2

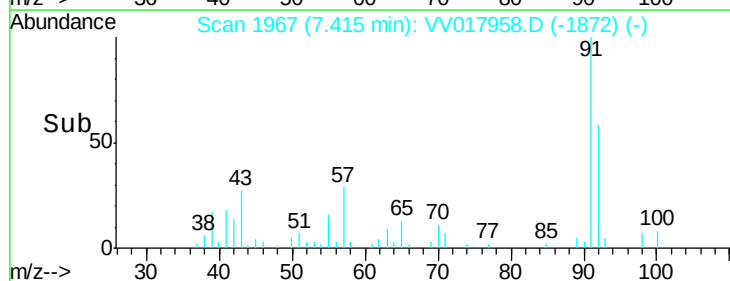
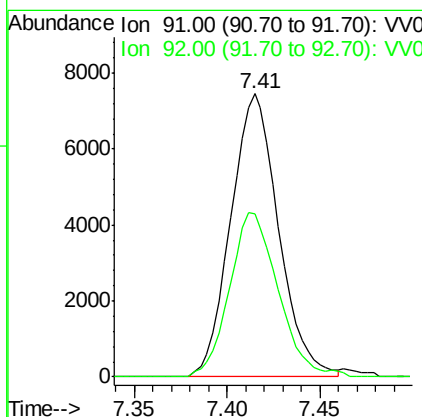
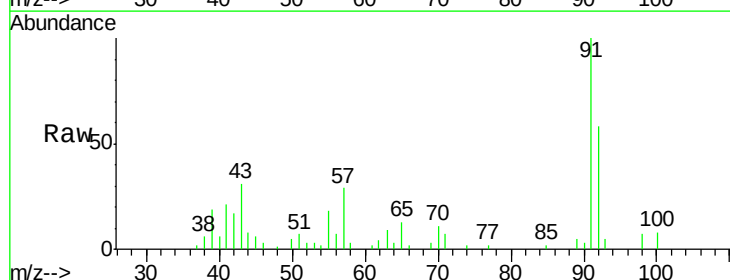
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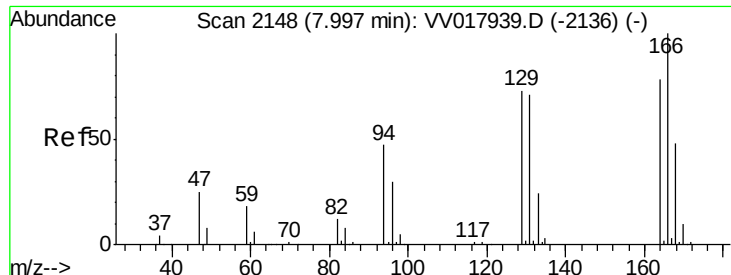
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#42
Toluene
Concen: 1.770 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017958.D
Acq: 13 Aug 2020 04:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	40.6	75.4





#46

Tetrachloroethene

Concen: 1.679 ug/L

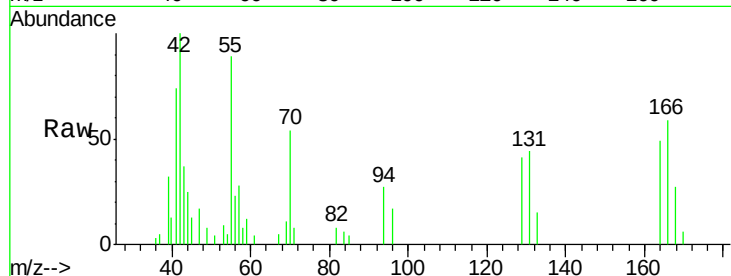
RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017958.D

Acq: 13 Aug 2020 04:27

Instrument :
MSVOA_V
ClientSampleId :
F2L99



Tot Ion	Ratio	Lower	Upper
164	100		
129	83.5	64.8	120.3
131	89.9	64.5	119.9
166	120.7	88.9	165.1

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